

F16. 4

Sheet 7/16

Tissue Expression of Human Transgenes

DOGUMENT PROFILE

(by RT-PCR)

g lines	Tg lines Cytokines spleen	spleen	thymus	liver	kidney	heart	muscle	lung	brain	BM
71	GM-CSF					- constant Provide de		A State of College Services Services		
	M-CSF									THE PERSON NAMED IN COLUMN TO SERVICE OF THE SERVI
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74	IL-7						and the state of t			
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	SCF									
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Cytokine Expression by Transgenic Mice (pg/ml)

	GM-CSF	M-CSF	IL-6	IL-7	SCF	LIF
Clone12						
BM stromal	0-0.34	0	0-0.194			
Serum	0.4-5.4	35-939	0			
Clone71						<u> </u>
BM stromal	0-14.1	0-3204	2-26			
Serum	0.2-5.0	926-1176	0.2-3.1			
Clone74						
BM stromal				0-354	7-125	0
Serum				0-2.0	0-2.5	0
Clone75				-		
BM stromal				20-188	0-8	0
Serum				0-1.1	0-10.4	0-149
Clone182			"			
BM stromal	0-0.16	0	0-5	0	26-256	0
Serum	0.3 (1)	0	0 (2)	0 (1)	0 (1)	0-3.5
Clone185						· ·
BM stromal		2.4-2624	2.0-13			
Serum	0.1 (1)	1673 (1)	0 (1)		3.4 (1)	<u> </u>
Clone201						
BM stromal	0-129.3	0	0-20	0	0-160	
Serum	0.1 (1)	0-1897	0 (2)	0	0 (2)	

F16. 6A

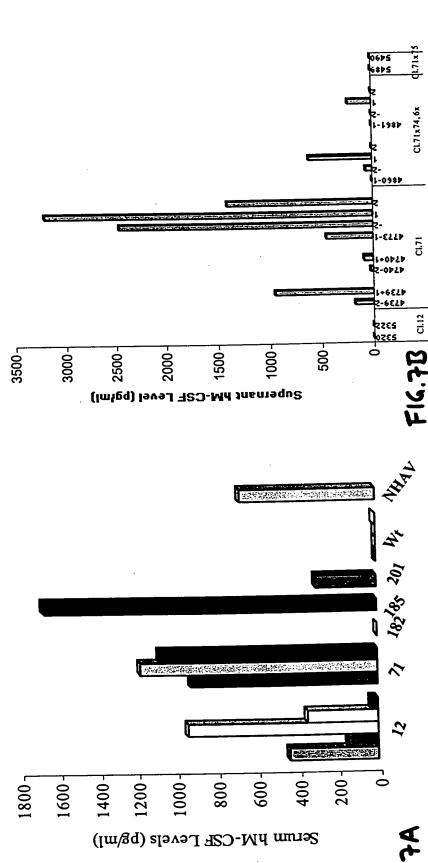


ELISA Kit Sensitivities and Normal Human Serum Values

	Sensitivity (pg/ml)	Range (pg/ml)	Average (pg/ml)
GM- CSF	0.36	0-2.19	1.72
M-CSF	9	253-1715	670
IL-6	0.094	0.378-10.1	1.62
IL-7	0.1	0.27-8.7	2.2
SCF	9	558-1441	984
LIF	8	0-44.7	0 (39/40)

FIG. 6B

Expression and Modulation Human M-CSF Protein

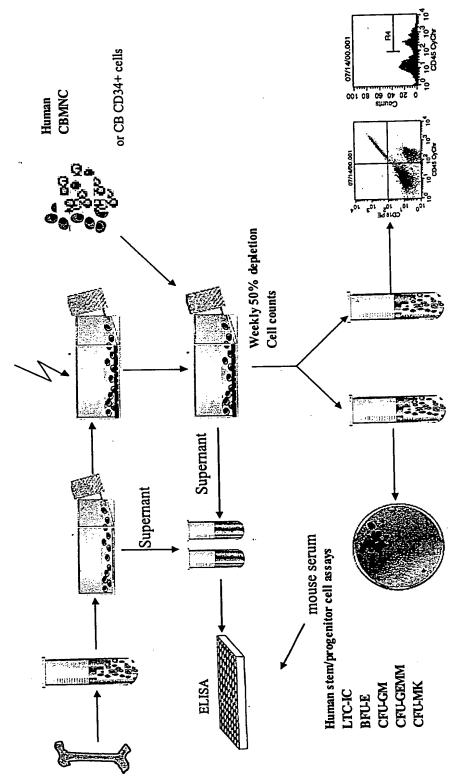


Normal human range: 253-1715 pg/ml.

NHAV: normal human average value: 670 pg/ml.

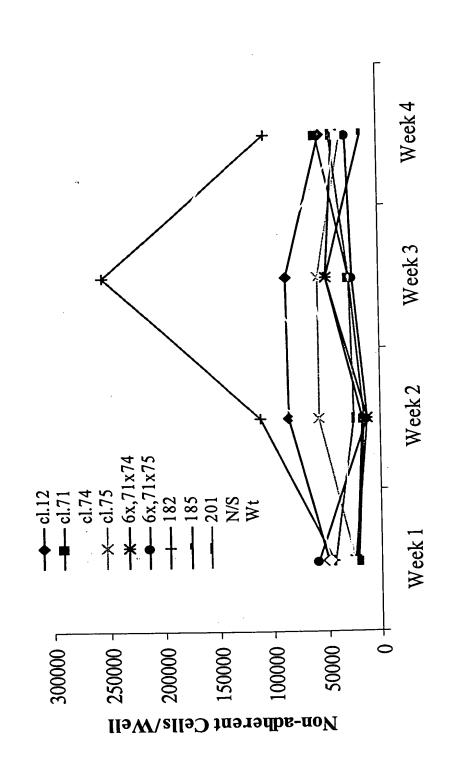
Protocol

Microenvironment on Human Hematopoiesis In Vitro Effects of Transgenic Murine Hematopoietic



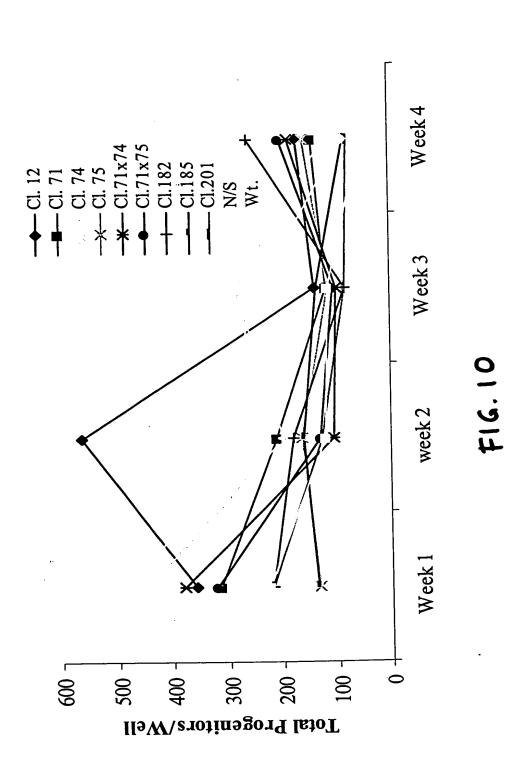
万15.8

Maintenance of Human Non-adherent Cell Production in vitro by BM Stromal Cells from i-mune Mice

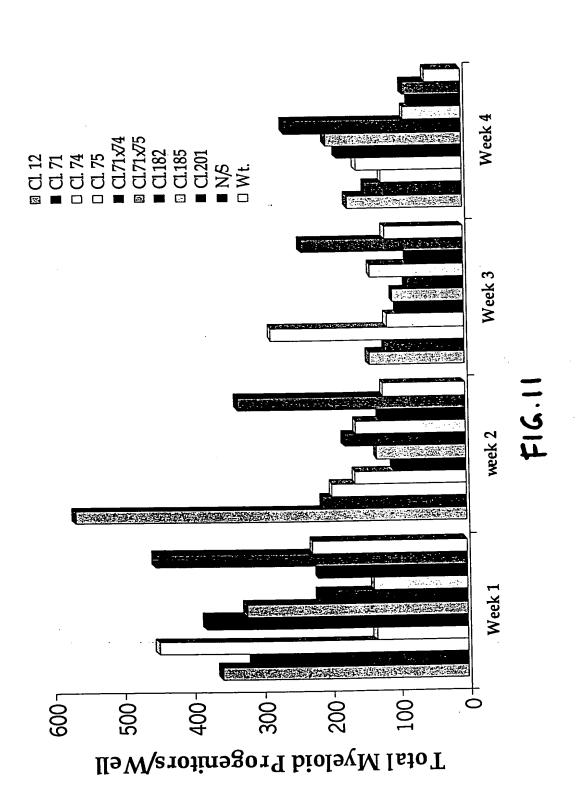


F16.9

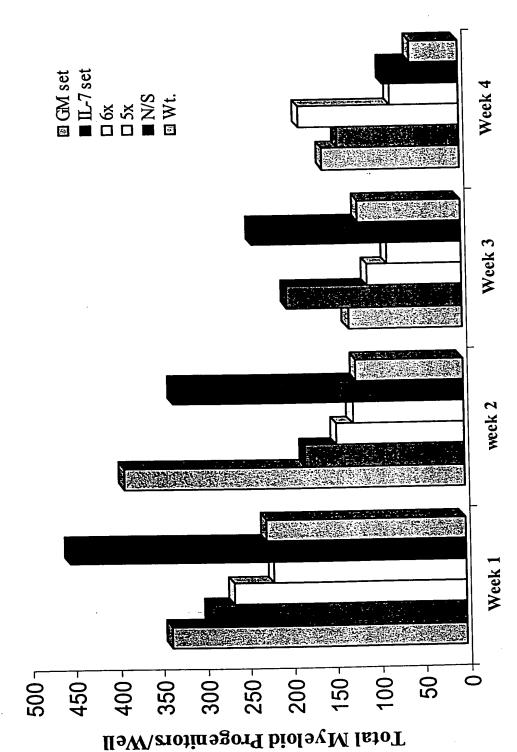
Maintenance of Human Myeloid Progenitor Production in vitro by BM Stromal Cells from i-mune Mice



Maintenance of Human Myelopoiesis in vitro by BM Stromal Cells of i-mune Mice



Maintenance of Human Myelopoiesis in vitro by BM Stromal Cells of i-mune Mice (2)



F16.12

Human Myeloid Progenitor Production in Week 4 BMLTCs Derived from i-mune Mice

